

FIG. 1

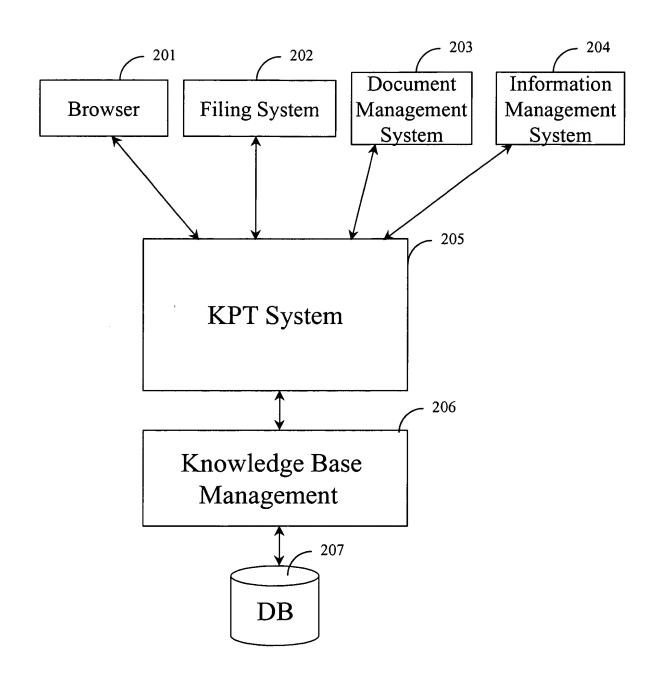


FIG. 2

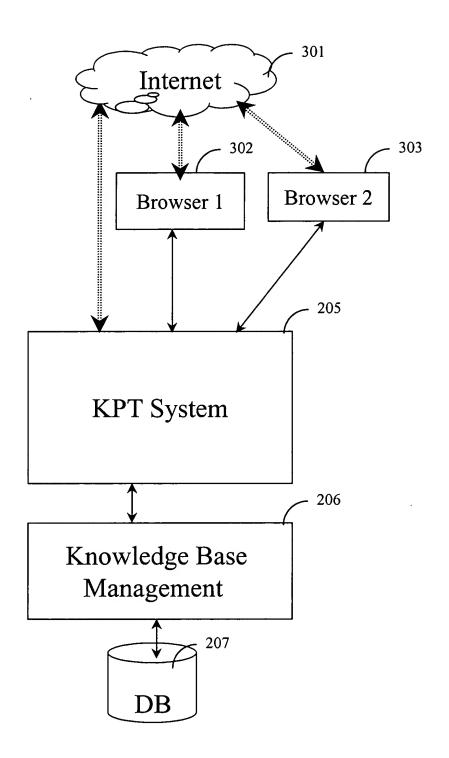


FIG. 3

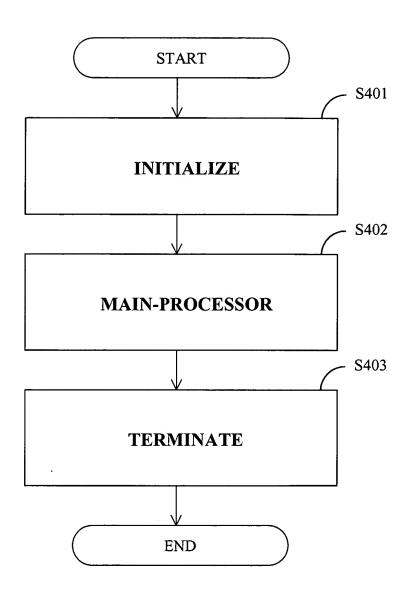


FIG. 4

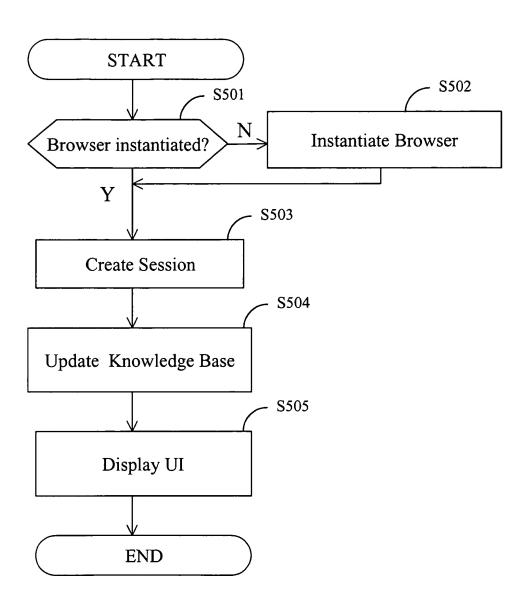


FIG. 5

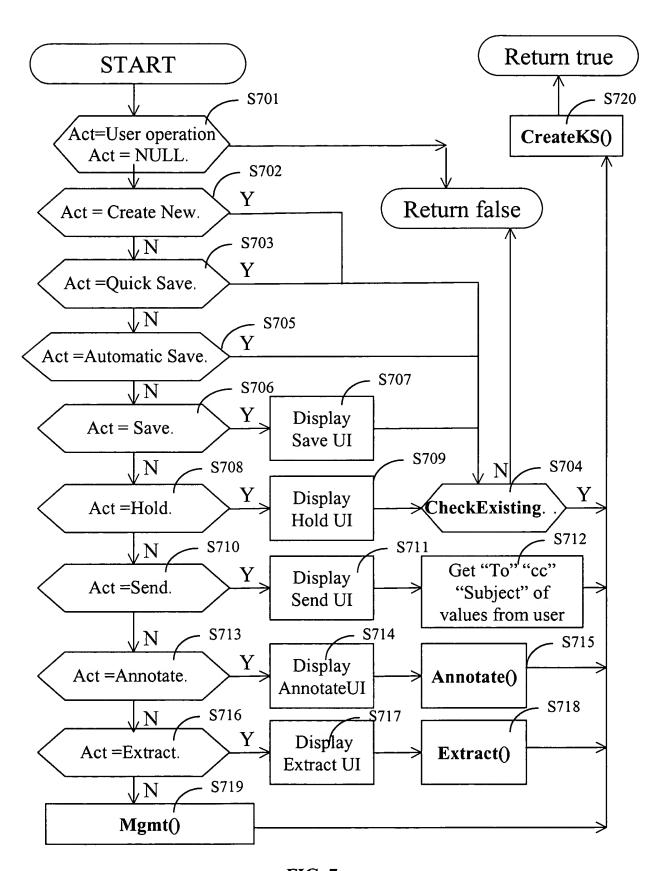


FIG. 7

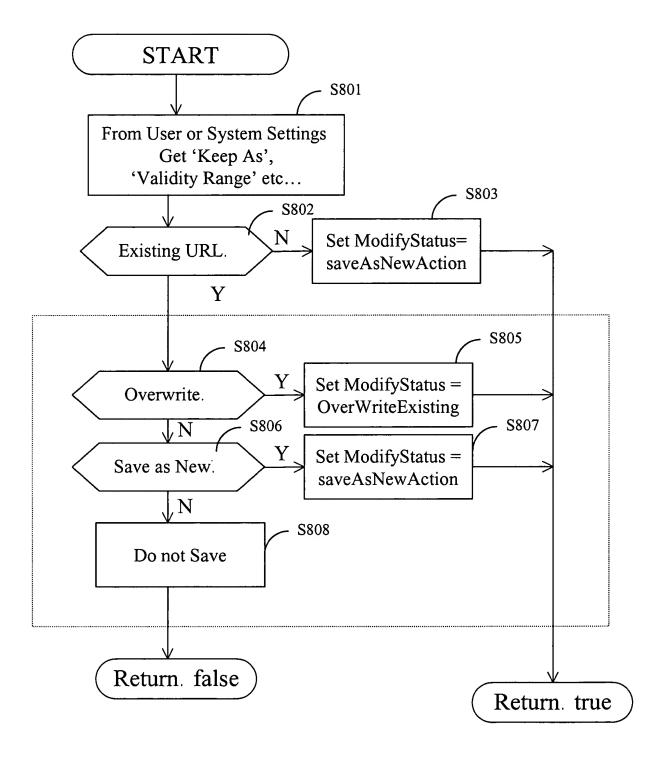


FIG. 8

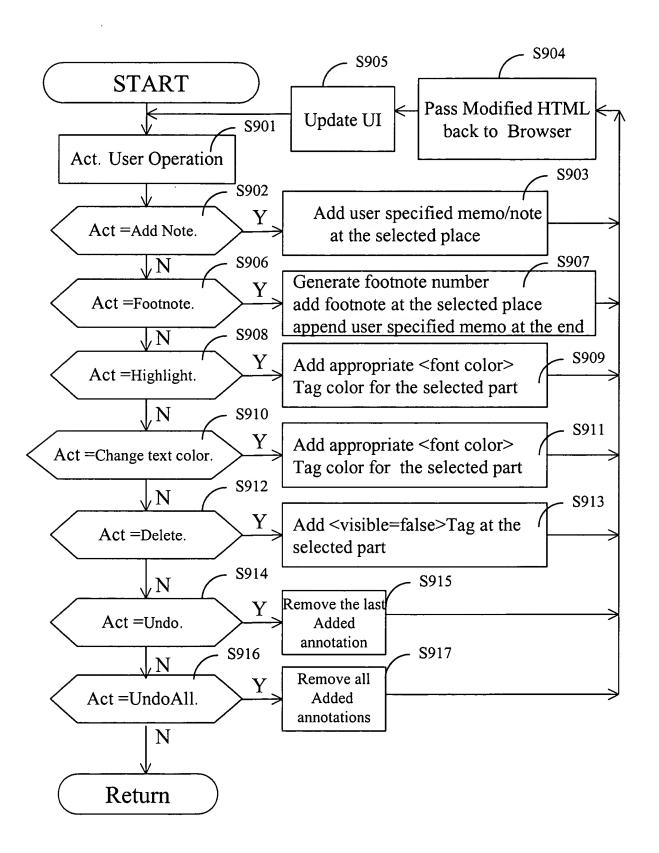


FIG. 9

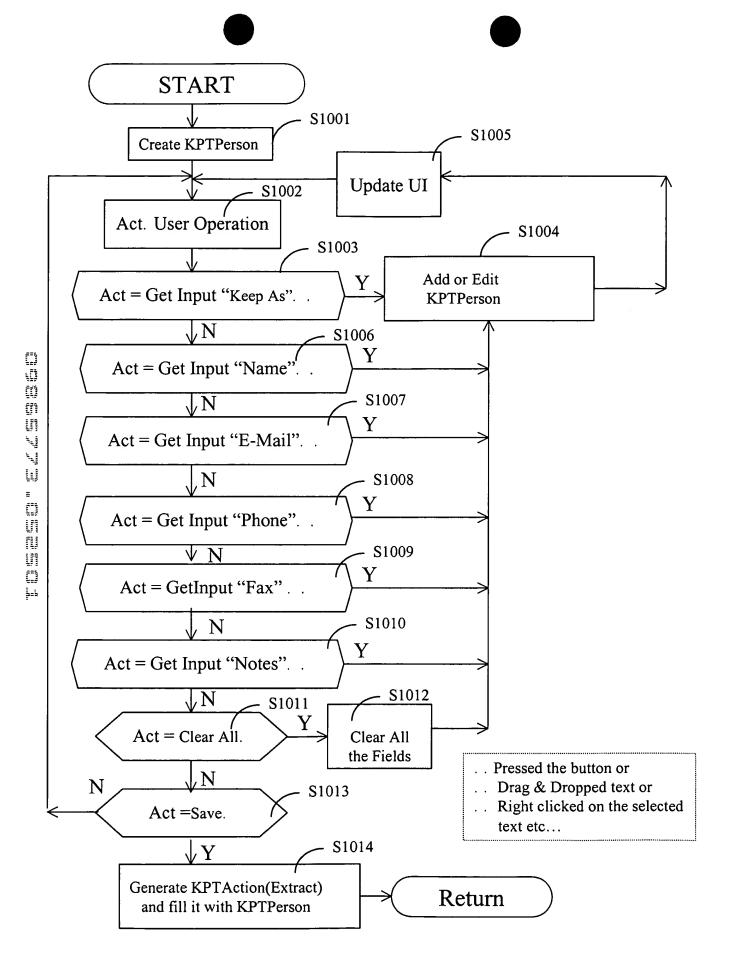
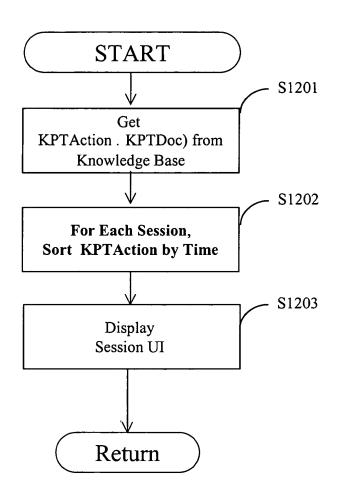


FIG. 10

FIG. 11



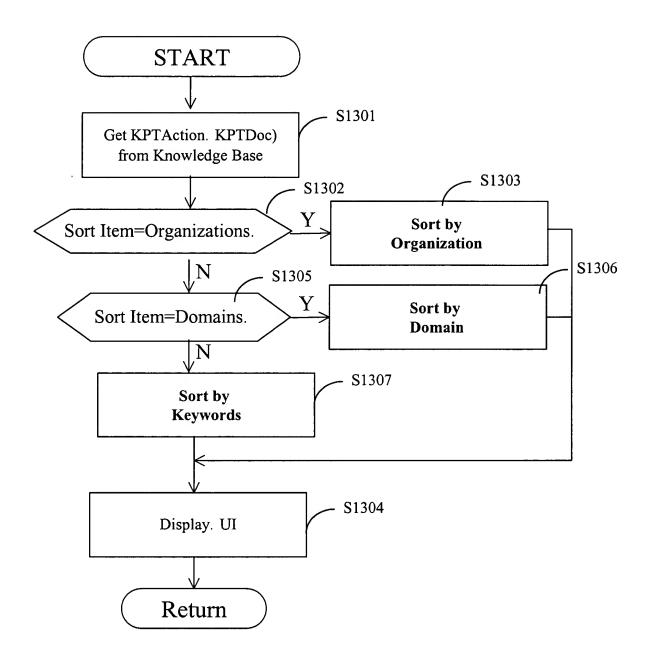


FIG. 13

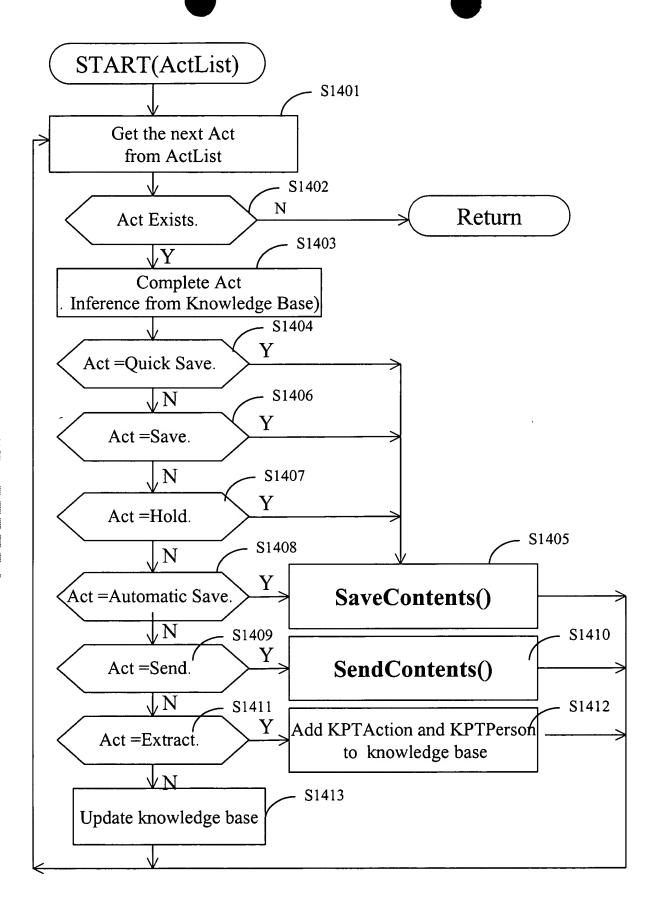


FIG. 14

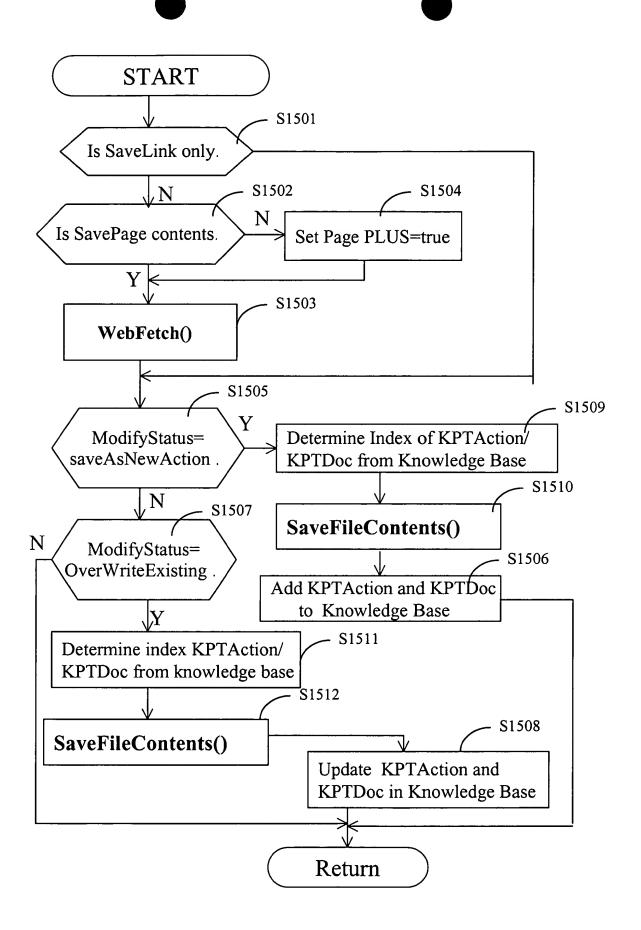


FIG. 15

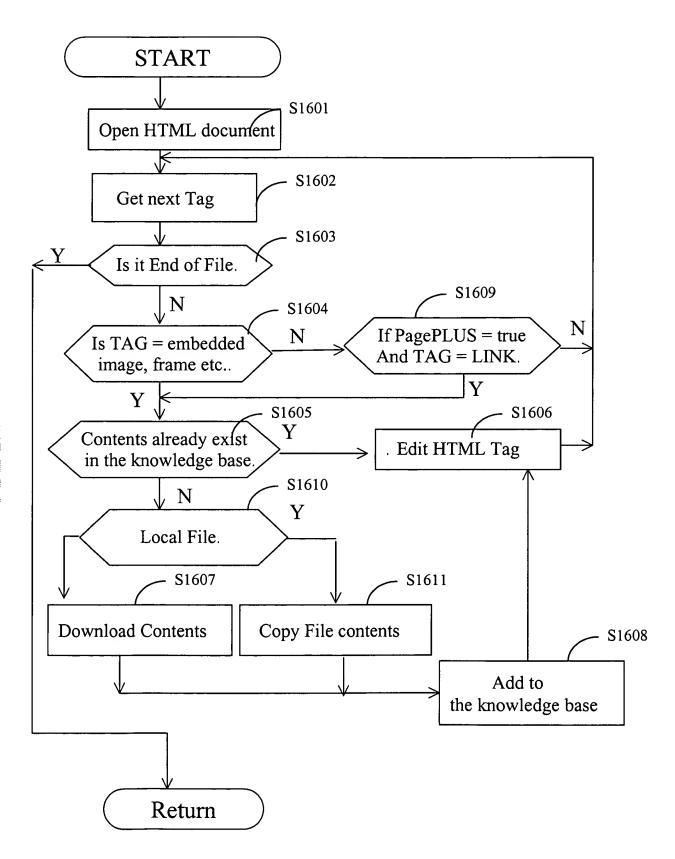


FIG. 16

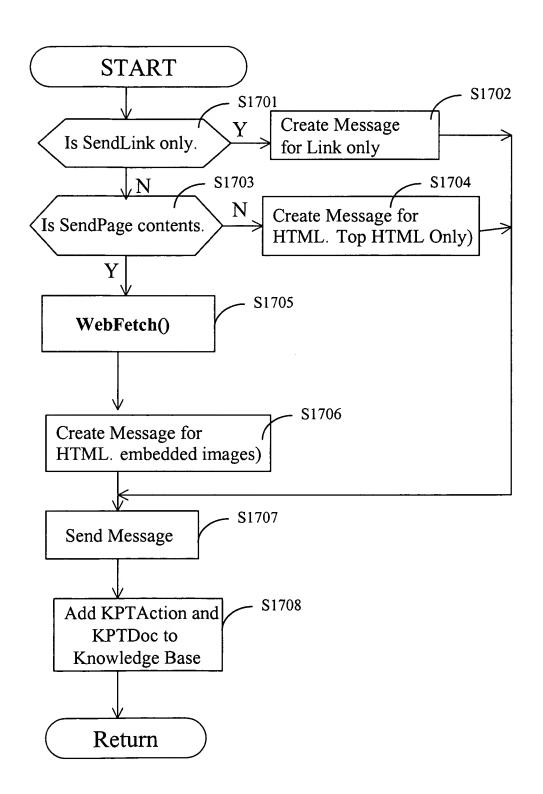


FIG. 17

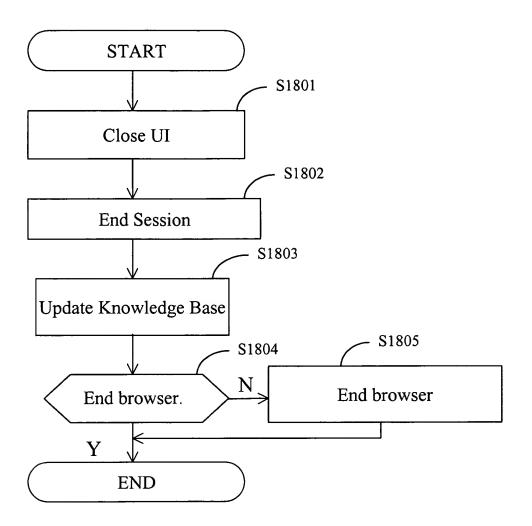


FIG. 18

```
KPTConcept

KPTConcept

{
ObjectID
ModifyStatus

...
}
```

```
KPTPerson : KPTConcept
{
    RememberAs String
    Name String
    Phone String
    Email String
    Fax String
    URL String
    ...
}
```

```
(c)
           KPTDocument
              KPTDocument: KPTConcept
                                       String
               RememberAs
               Name
                                       String
               PhysicalURL
                                       String
               LogicalURL
                                        String
               Orgn
                                        String
               Domain
                                        String
               Keywords
                                        String
               Title
                                        String
                                       String
               FolderName
                                       KPTLinkType
               LinkType
               RetrievedDoc
                                       bool
              }
```

(a) **KPTAction** KPTAction: KPTConcept Type **KPTActionType** Actor **KPTPerson** Object KPTConcept //Document or Action From **KPTConcept** To **KPTConcept KPTInstrumentType** How WhenToDo **KPTTime** WhenDone **KPTTime KPTConnenctionList** ConnectedTo SessionID **KPTObjID** ActionStatus **KPTActSysStatus** UserStatus **KPTUsrStatus** ActImportance **KPTImportance** }

(a)

KPTDoc. Knowledge Base

ObjectID	KeepAs	LogicalURL	Orgn	Domain	Keywords	Folder	
D630a816 D630a932 D630b232 D233x123 D133f822 D2340x13	Saora KPT Saora HNS	www.saora.co.jp keepoint.com keepoint.com/faq www.saora.com sales.paltek.co.jp sales.hns.ne.jp	keepoint keepoint saora paltek,sales hns, sales	JP.CO COM COM COM JP.COM JP.NE	KPT, Yokohama, KPT ALTERA, MAX KIOSK, India	D630a816 D630a932 D233x123 D133f822 D2340x13	

(b)

KPTAction. Knowledge Base

ObjectID	Туре	KPTDocID	Done Time	SessionID	Status	ValidTime	
A238x231 A238x123 A238x232 A980o232	StartSE Save QuickS EndSE	D630a816 D630a932	00/03/10 13:38:02 00/03/10 13:38:22 00/03/10 14:18:42 00/03/10 14:20:15	A238x231 A238x231	SYSDONE USRDONE USRDONE SYSDONE	00/03/10 ~ 01/03/10 00/03/10 ~	
A909u898 A323f229 A902o230 A721n292	StartSE Hold EndSE StartSE	D630b232	00/04/19 12:12:00 00/04/19 12:22:13 00/04/19 14:12:23 00/04/19 12:12:00	A909u898	SYSDONE USRDONE SYSDONE SYSDONE	00/04/25 ~ 00/04/30	
A723b232	Send 	D630a816 	00/04/19 12:12:23	A721n292	SYSTODO 		

(a)

KPTPerson. Knowledge Base

ObjectID	KeepAs	Name	Email	Phone	Fax	Extraced From	
P324o902 P421y232 P234x234	Saora Kato	Saora Inc. Nihon Kato HNS Inc.	support@saora.co.jp kato@saora.com siva@hns.com	0459139820	0459139821	www.saora.co.jp	
				•••			

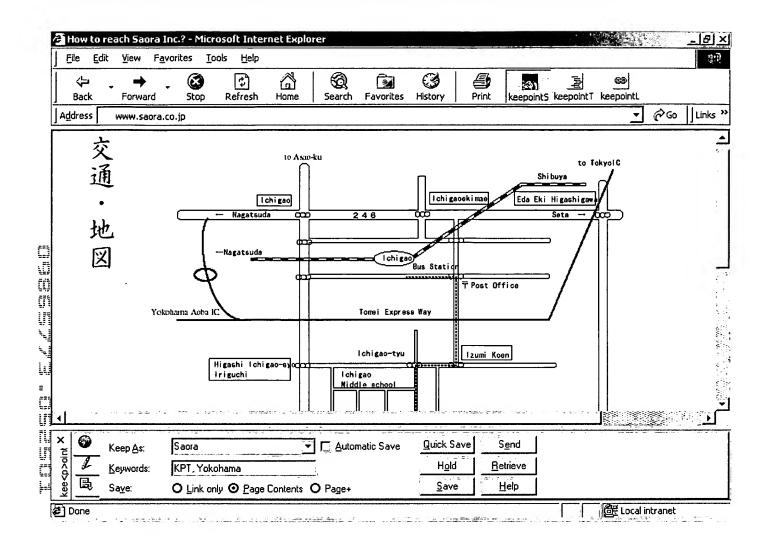
(b)

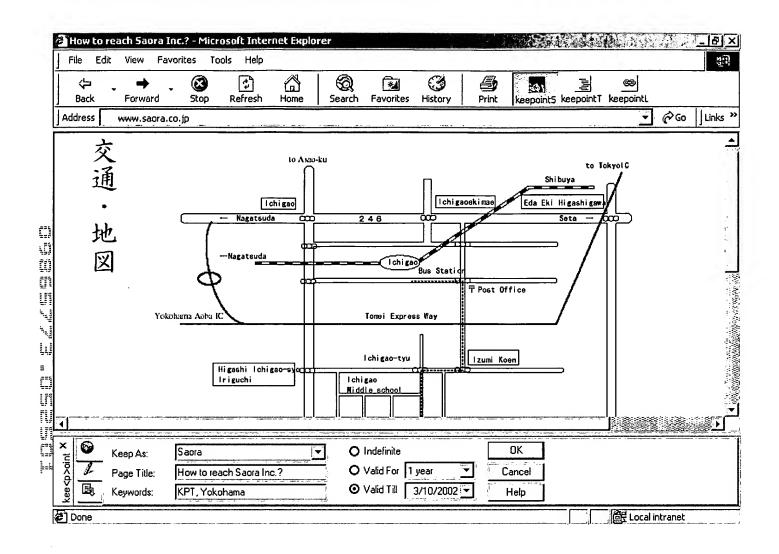
KPTContent. Knowledge Base

ObjectID	URL	FILENAME	KPTDocID	Content Type	ContLen	
F232j233 F802u233 F232q897 F329x800	www.saora.co.jp/logo.gif www.saora.co.jp/jap.gif keepoint.com/img/logo.gif keepoint.com/music/a.mid 	logo.gif jap.gif logo1.gif a.mid	D630a816 D630a816 D630a932 D630a932	IMAGE/GIF IMAGE/GIF IMAGE/GIF MIME/MIDI	212 128 232 987	

Domain. Knowledge Base

```
# Generic Domains
                              .COM (Commercial Domains)
.com.
.edu,
                              .EDU (Educational Domains)
.gov,
                              US Government
.mil,
                              US Dept of Defense
.net,
                              .NET (Network Domains)
                              .ORG (Organization Domains)
.org,
# Country Code Domains
                              Ascension Island
.ac,
.ad,
                              Andorra
                              United Arab Emirates
.ae,
.af,
                              Afghanistan
                             Antigua and Barbuda
.ag,
.ai,
                              Anguilla
                              Albania
.al.
                              Antarctica
.aq,
                             Japan
.jp
                             . . Administrative
.ad.jp,
                              . . Universities
.ac.jp,
                              . . Commercial Organizations
.co.jp,
                              . . Government Organizations
.go.jp,
                              . . Non Commercial Organizations
.or.jp,
.ne.jp,
                              . . ISP
                             Russia
.ru
                              . . Academic Community
.ac.ru,
                              . . Commercial Organizations
.com.ru,
                              . . Universities
.edu.ru,
.int.ru,
                              . . For public registration
.mil.ru,
                              . . Military Establishment
                              . . Internet Service Providers
.net.ru,
                              . . Non Commercial Organizations
.org.ru,
                              . . Private Person's domain
.pp.ru,
...
```





```
(a)

KPTDocument11 = {

ObjectID = "D630a816"
RememberAs = ""
Name = ""
LogicalURL = "www.saora.co.jp"
PhysicalURL = ""
Orgn = ""
Domain = ""
Keywords = ""
Title = ""
FolderName = ""
LinkType = "
...
}
```

```
(b)

KPTAction11
{

ObjectID = "A238x123"

Type = ""

Actor = "John Smith"

Object = "D630a816"

From = ""

To = ""

How = ""

WhenToDo = ""

WhenToDo = ""

ConnectedTo = ""

SessionID = "A238x231"

ActionStatus = "PERFORMING"

...

}
```

```
<html><head>
<title>How to reach Saora Inc.?</title>
<meta name="KEYWORD" content="KPT, Yokohama">
<meta http-equiv="Content-Type" content="text/html; charset=x-sjis">
</head>
<body bgcolor="#FFFCC">
.
 <img src="www.saora.co.jp/logo.gif" width="50" height="200" >
<img src="jap.gif" width="535" height="391" </td>
<font color="#400040">
 <strong><big>Train</big></strong></font>
 <font color="#0000FF">Tokyu Den-en Toshi Line ICHIGAO Station</font>
 <font color="#0000FF">Take Bus Nos. 305, 306 Izumita Mukai (1 Minute)
 OR 20 Minutes Walk from the Station</font>. . . 
 <font color="#400040">
 <fort color="#0000FF">045-913-9820</fort> 
 <font color="#400040"></font>
 <font color="#0000FF">045-913-9821</font>
```

```
(a)

KPTContent11

ObjectID = "F232j233"

URL = "www.saora.co.jp/logo.gif"

FileName= "logo.gif"

KPTDocID = "D630a816"

ContentType = 'IMAGE/GIF'

ContLen = 212

...

...
```

```
(b)

KPTContent12

{

ObjectID = "F802u233"

URL = "www.saora.co.jp/jap.gif"

FileName= "jap.gif"

KPTDocID = "D630a816"

ContentType = 'IMAGE/GIF'

ContLen = 128

...

}
```

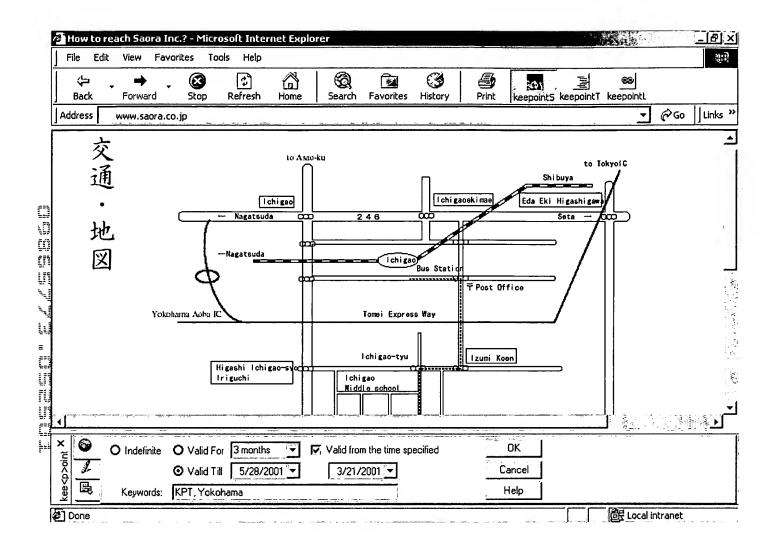
```
<html><head>
<title>How to reach Saora Inc.?</title>
<meta name="KEYWORD" content="KPT, Yokohama">
<meta http-equiv="Content-Type" content="text/html; charset=x-sjis">
</head>
<body bgcolor="#FFFFCC">
.
 <img src="KPTSYSKB/logo.gif" width="50" height="200" >
 <img src=" KPTSYSKB /jap.gif" width="535" height="391" </td>
<font color="#400040">
 <strong><big>Train</big></strong></font>
 <font color="#0000FF">Tokyu Den-en Toshi Line ICHIGAO Station</fi>
 <font color="#0000FF">Take Bus Nos. 305, 306 Izumita Mukai (1 Minute)
 OR 20 Minutes Walk from the Station</font>. . . 
 <font color="#400040">
 <font color="#0000FF">045-913-9820</font> 
 <font color="#400040"></font>
 <font color="#0000FF">045-913-9821</font>
```

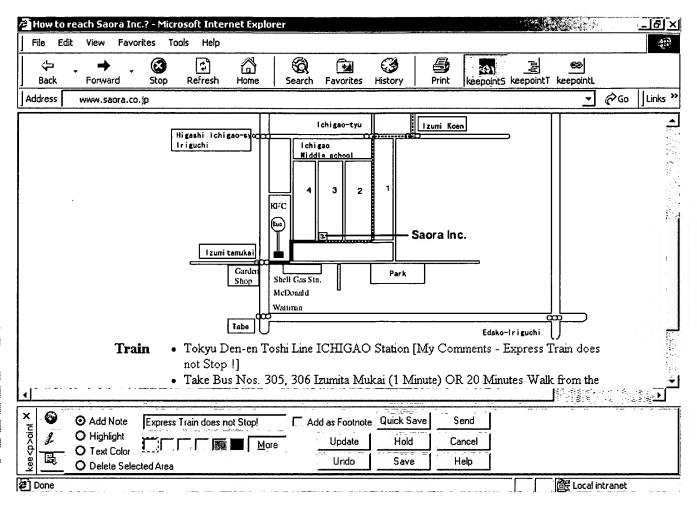
```
(a)

KPTDocument11 = 
{

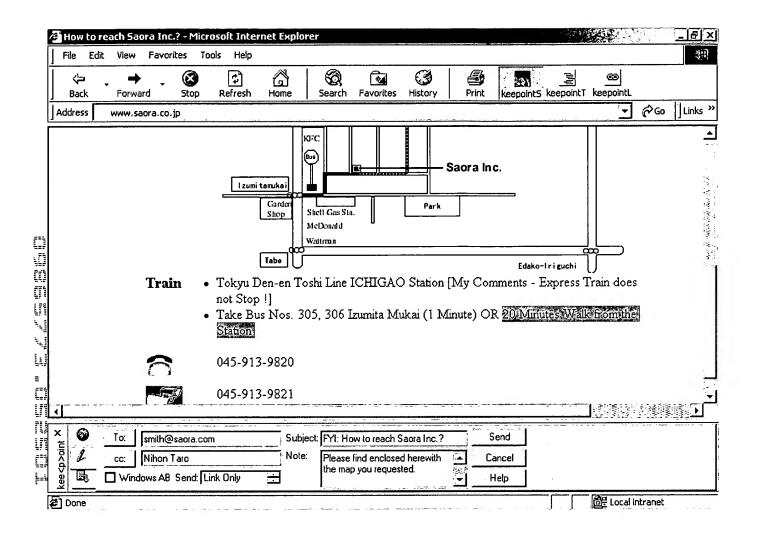
ObjectID = "D630a816"
RememberAs = "Saora"
Name = ""
LogicalURL = "www.saora.co.jp"
PhysicalURL = ""
Orgn = "saora"
Domain = "JP.CO"
Keywords = "KPT, Yokohama"
Title = "How to reach Saora Inc.?"
FolderName = "D630a816"
LinkType = 'Page Contents'
...
}
```

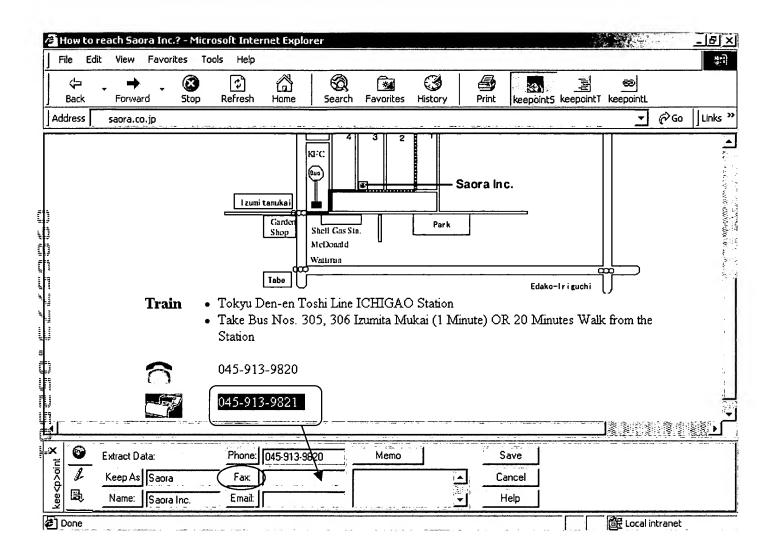
```
(b)
           KPTAction11
                   ObjectID = "A238x123"
                   Type = "Save"
                   Actor = "John Smith"
                   Object = "D630a816"
                   From = ""
                   To = ""
                   How = ""
                   WhenToDo = 00/03/10 \sim 01/03/10
                   WhenDone = "00/03/10 13:38:22"
                   ConnectedTo = ""
                   SessionID = "A238x231"
                   ActionStatus = "USRDONE"
                  ModifyStatus =saveAsNewAction
           }
```





```
<html><head>
<title>How to reach Saora Inc.?</title>
<meta name="KEYWORD" content="KPT, Yokohama">
<meta http-equiv="Content-Type" content="text/html; charset=x-sjis">
</head>
<body bgcolor="#FFFCC">
.
 <img src="KPTSYSKB/logo.gif" width="50" height="200" >
<img src="KPTSYSKB /jap.gif" width="535" height="391" </td>
<font color="#400040">
 <strong><big>Train</big></strong></font>
 <font color="#0000FF">Tokyu Den-en Toshi Line ICHIGAO Station
 <SPAN class="KPT" style="COLOR: #ff0000" id=ID 0027202</p>
 [My Comments- Express Train does not Stop. ] </SPAN>
 </font>font color="#0000FF">Take Bus Nos. 305, 306 Izumita Mukai
(1 Minute) OR 20 Minutes Walk from the Station</font>. . .
<font color="#400040">
 <font color="#0000FF">045-913-9820</font> 
 <font color="#400040"></font>
 <font color="#0000FF">045-913-9821</font>
```





```
(a)

KPTPerson31 =

{

ObjectID = "P3240902"

RememberAs = "Saora"

Name = "Saora Inc."

Email = "support@saora.co.jp"

Phone = "045-913-9820"

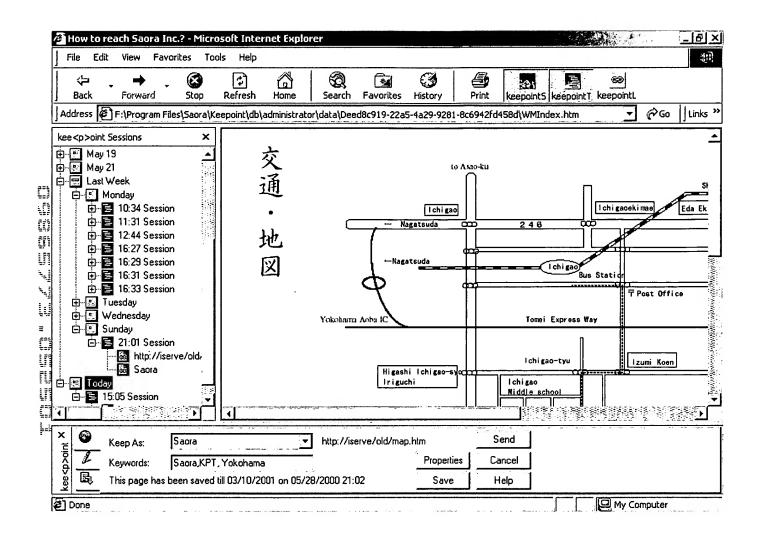
Fax = "045-913-9821"

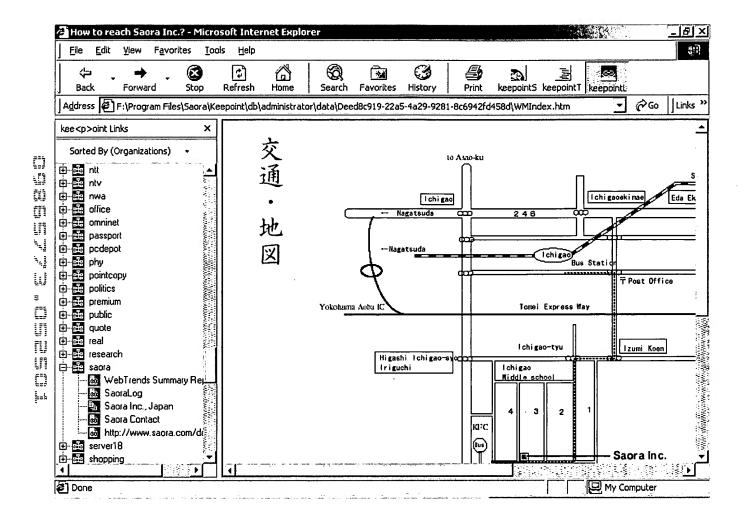
ExtractedFrom = "www.saora.co.jp"

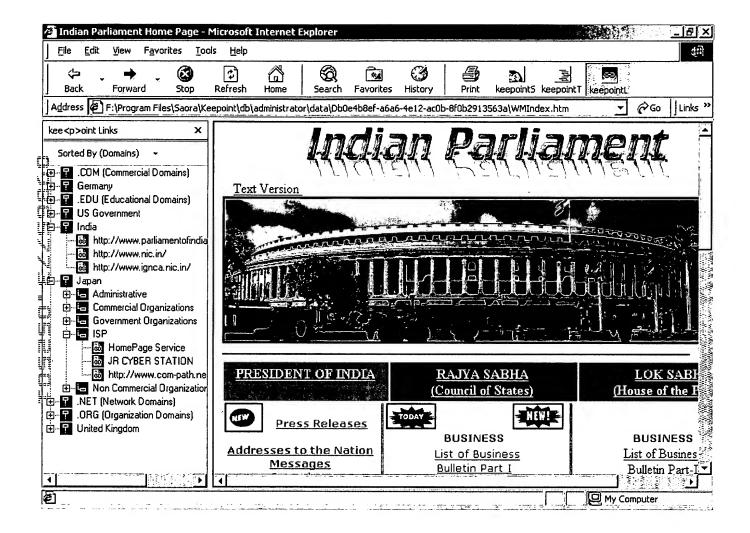
...

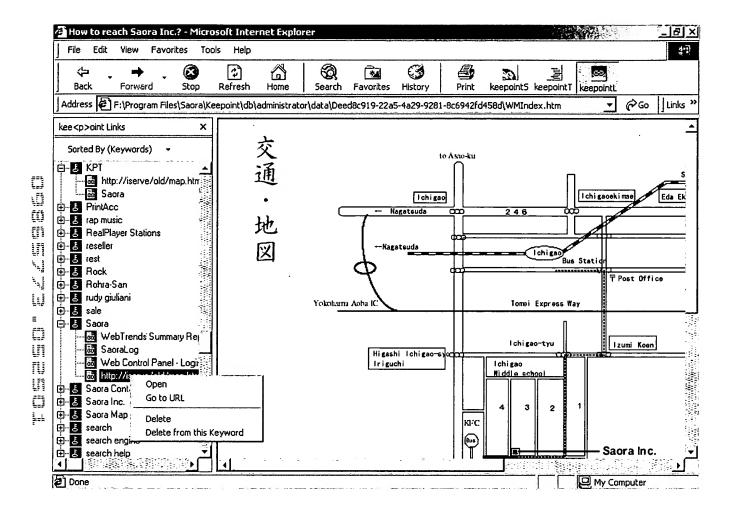
}
```

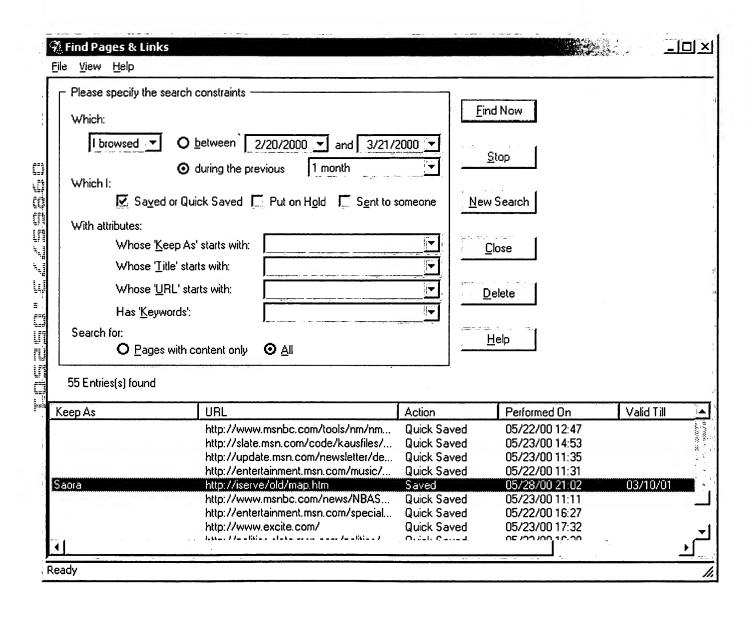
```
(b)
          KPTAction31
                  ObjectID = "A324i213"
                  Type = "ExtractData"
                  Actor = "John Smith"
                  Object = "P324o902"
                  From = ""
                  To = ""
                  How = ""
                  WhenToDo = ""
                  WhenDone = "00/04/19 18:22:10"
                  ConnectedTo = ""
                  SessionID = "A902y134"
                 ActionStatus = "USRDONE"
                 ModifyStatus =saveAsNewAction
          }
```

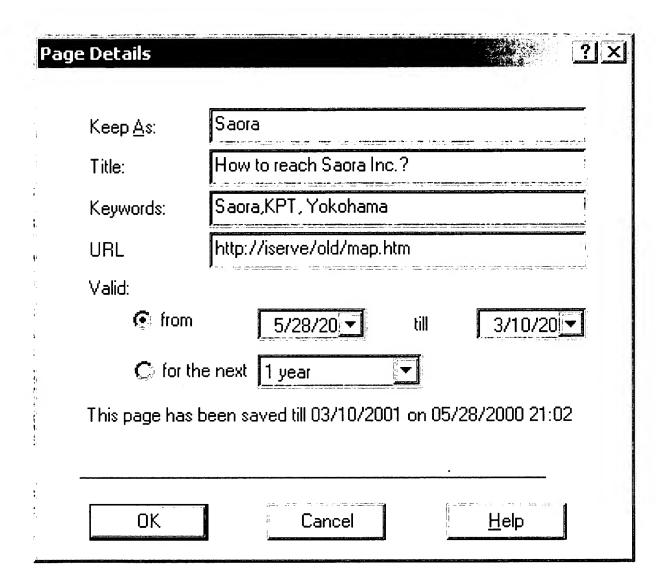


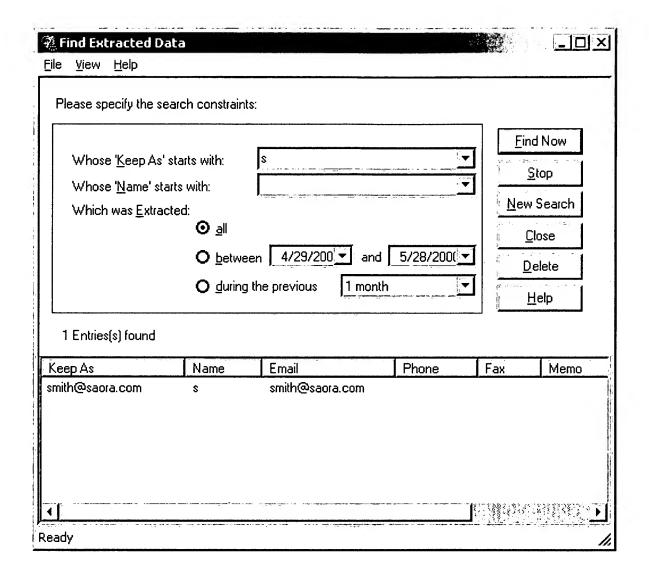




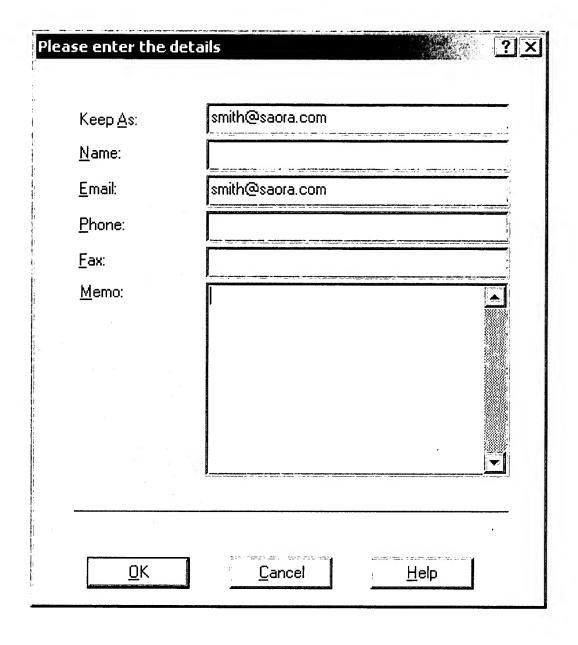




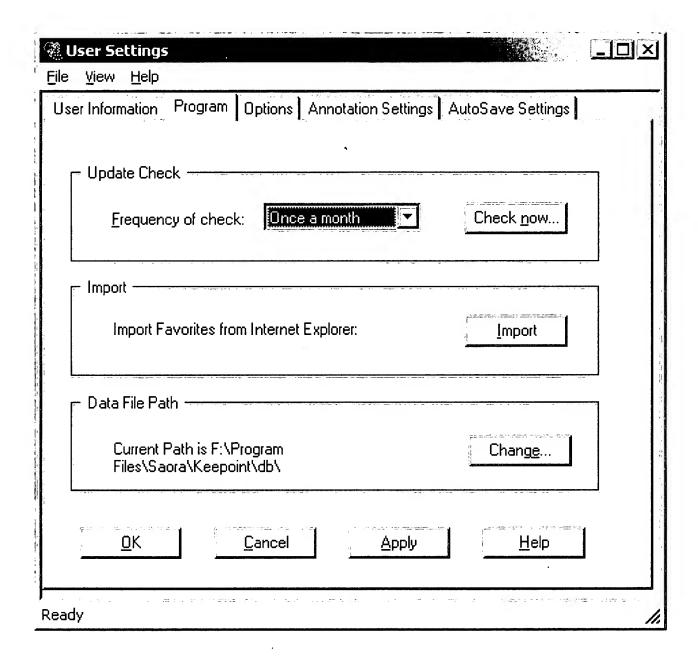


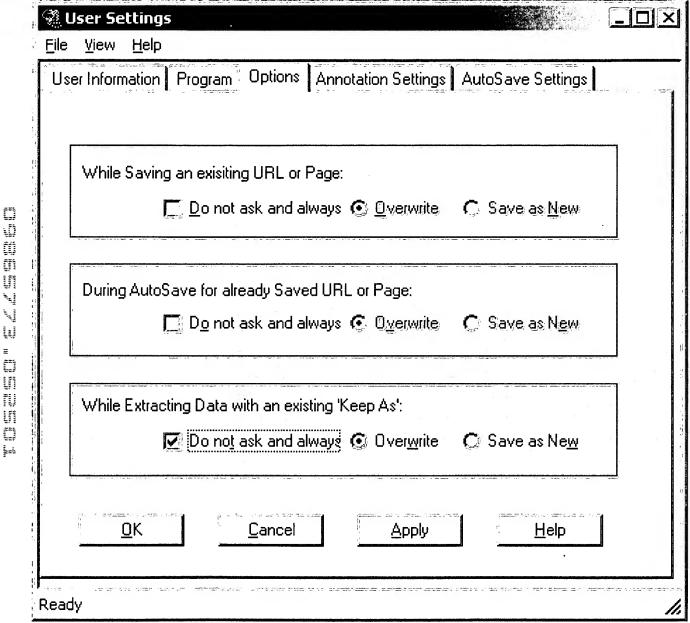


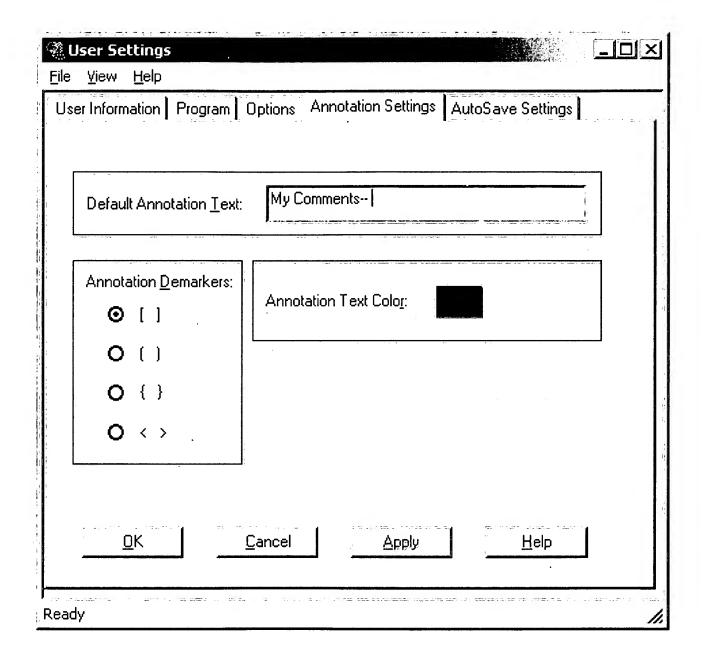
🀔 Extracted Data	and the second of the second o	Papara Panasa dari diga - 1, 90 dana - anga- nagan nganangana ((Pag	gazer kananan atanagan, gagarina yan gazapana ku jarraganaran (a s	The state of the s	_O×
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Keep As	Name	Email	Phone	Fax	Memo
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Ready					li.

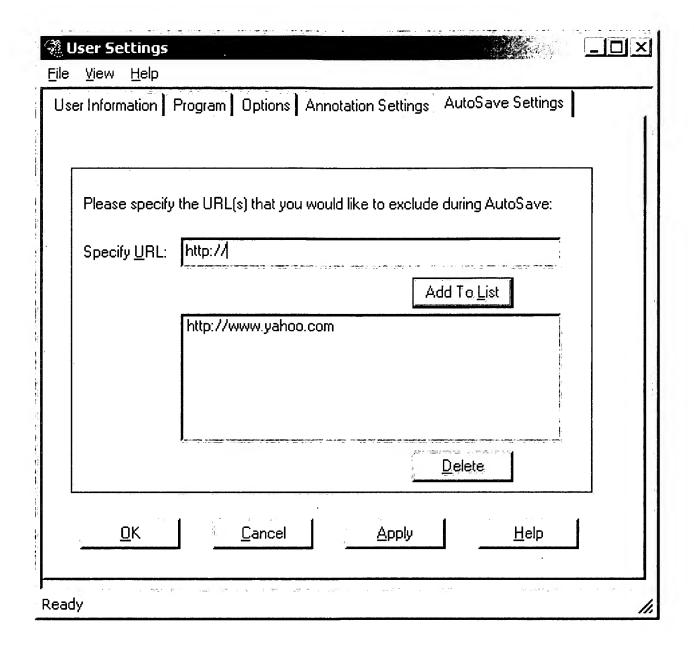


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<u>.</u>		12 12 1			
Full <u>N</u> ame:	Administrator				
<u>E</u> mail:	admin@saora.co.jp				
<u>P</u> hone:	045-913-9820	1			
<u>F</u> ax:	045-913-9821				
A <u>d</u> dress:					
	<u>R</u> egister Now				
<u>. O</u> K	<u>Cancel Apply Help</u>				
Ready		h.			









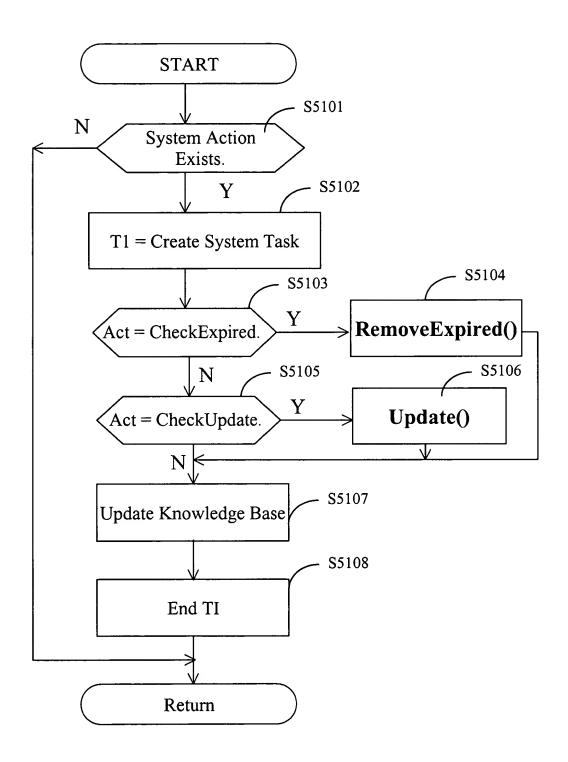


FIG. 51

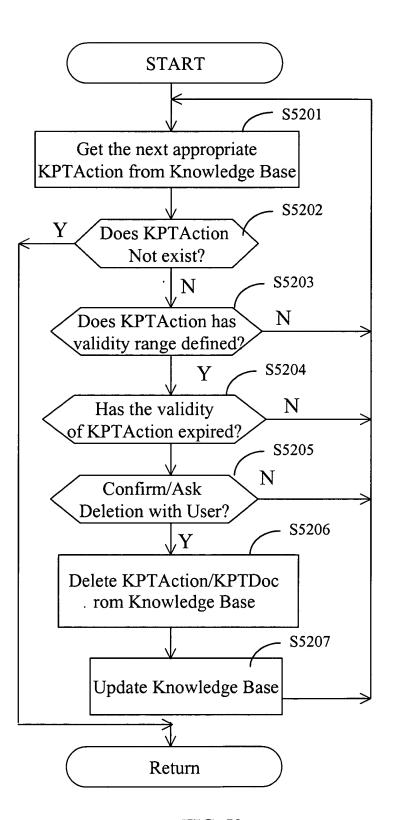


FIG. 52

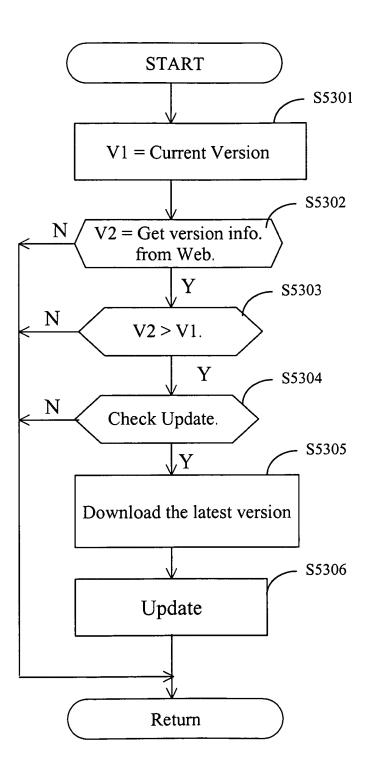


FIG. 53

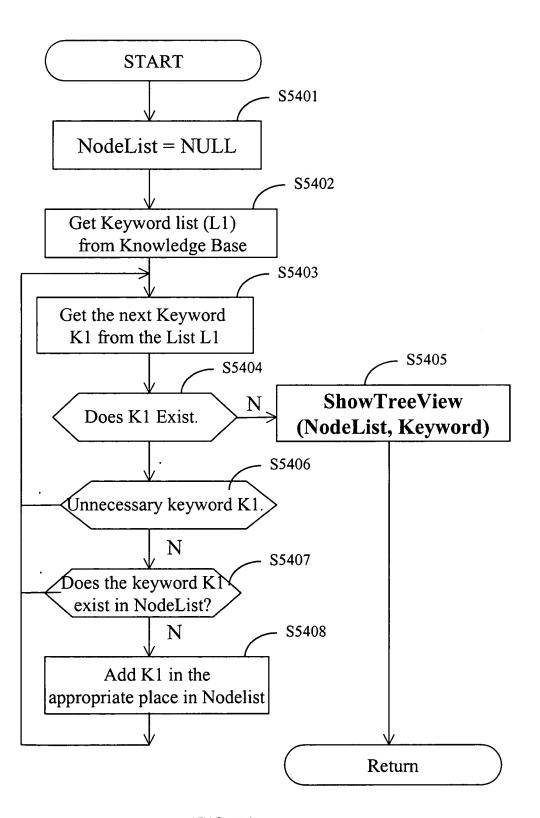


FIG. 54

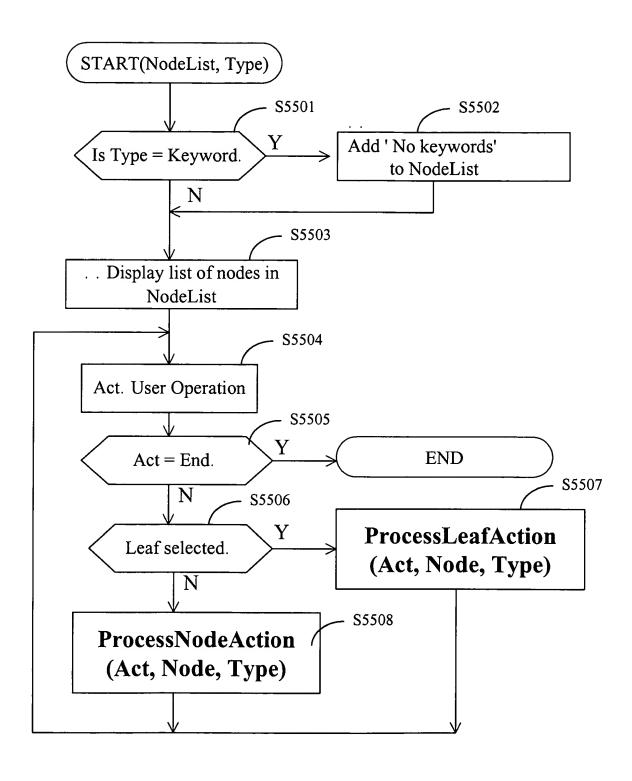


FIG. 55

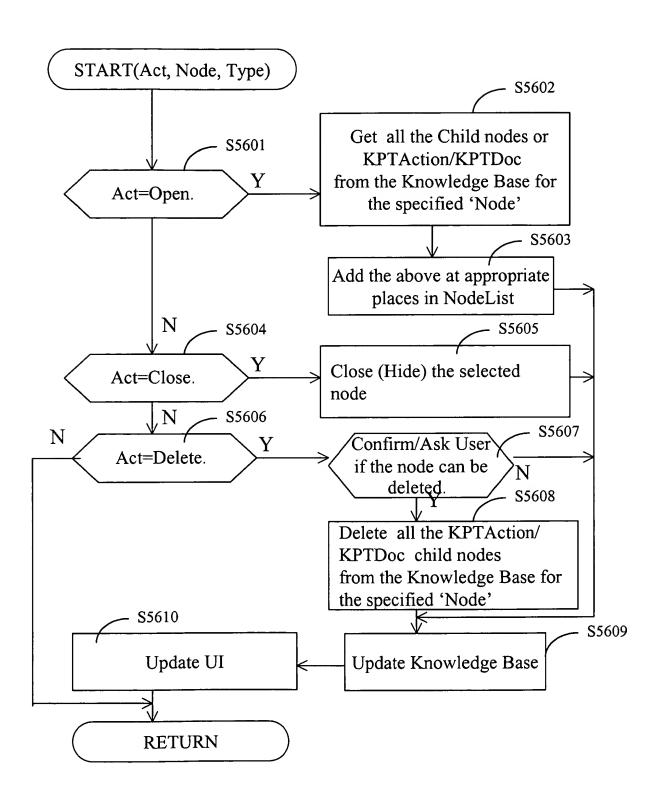


FIG. 56

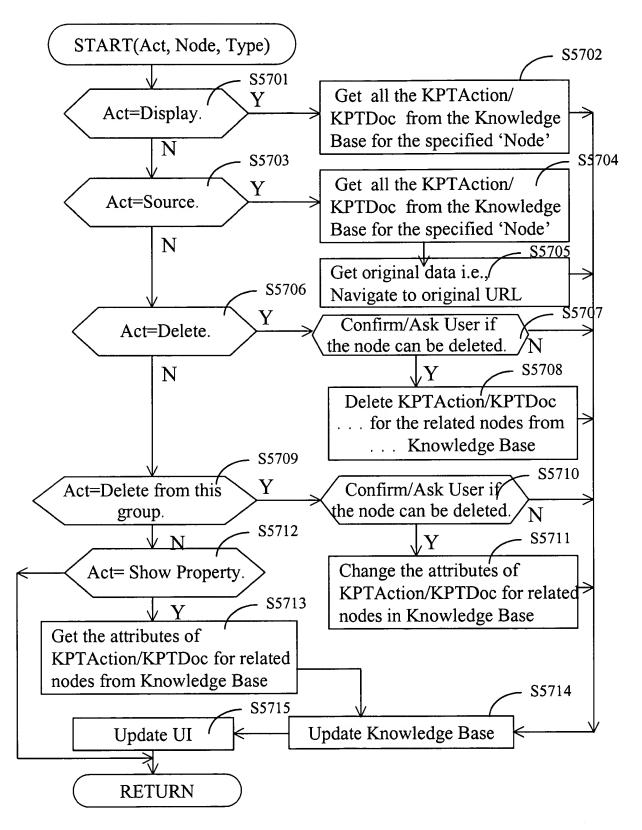


FIG. 57

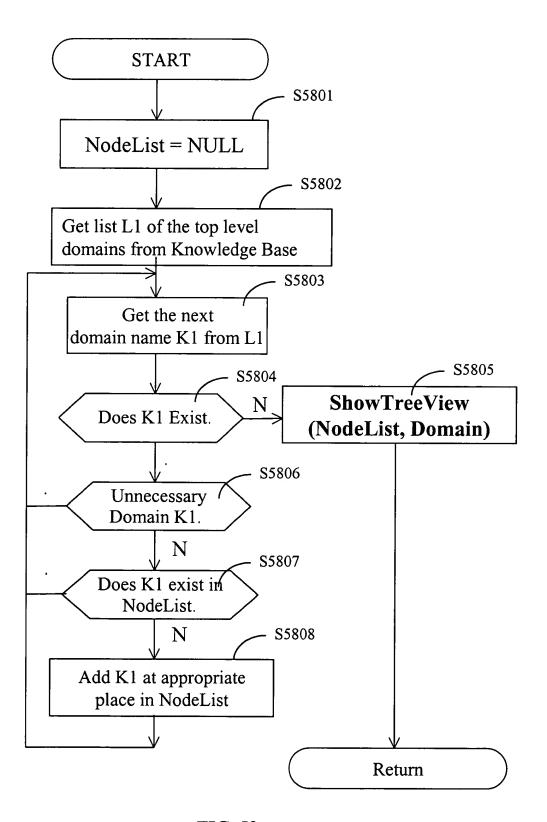


FIG. 58

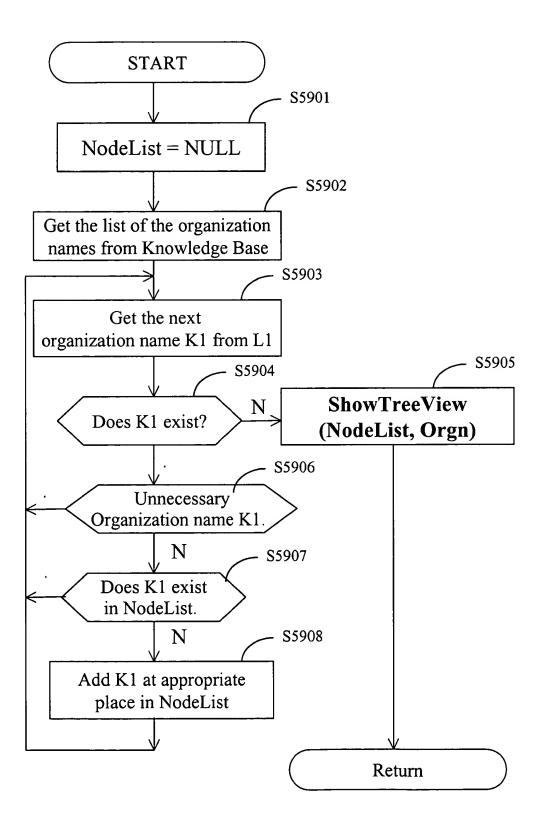


FIG. 59

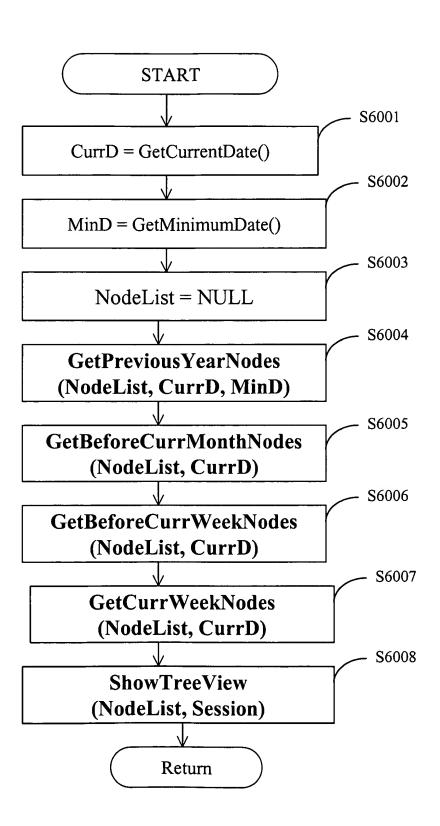
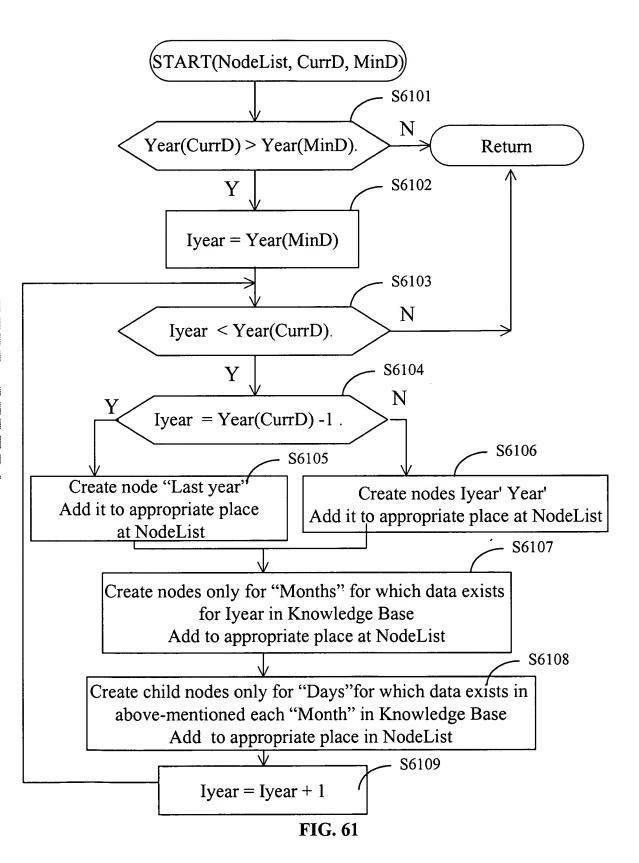


FIG. 60



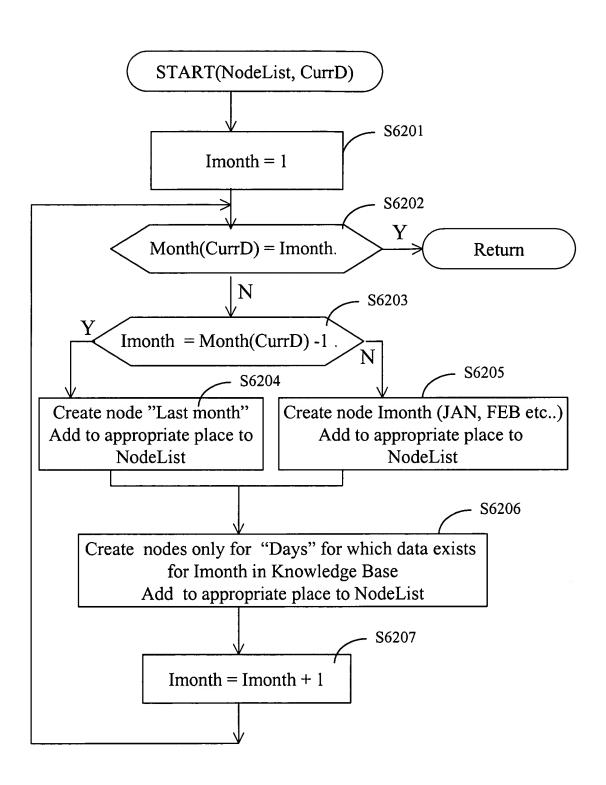


FIG. 62

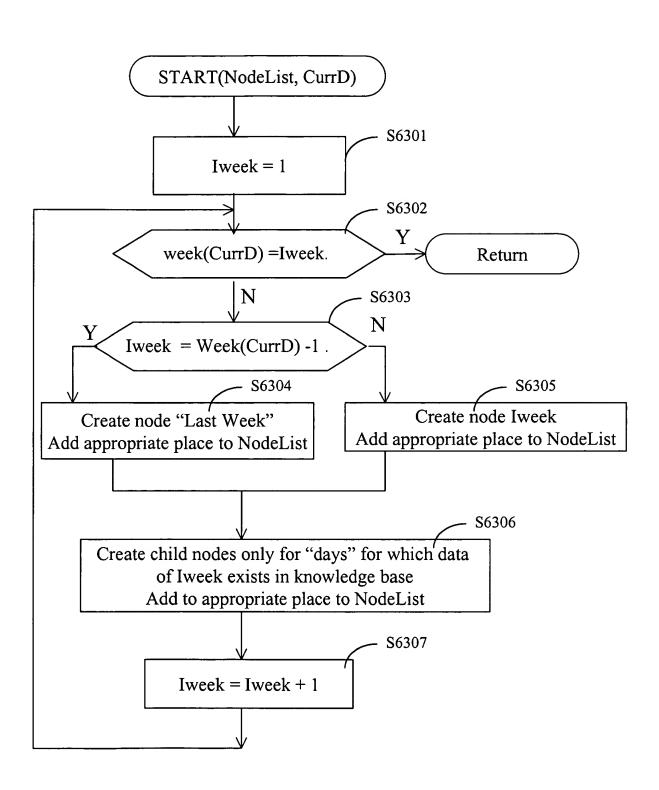


FIG. 63

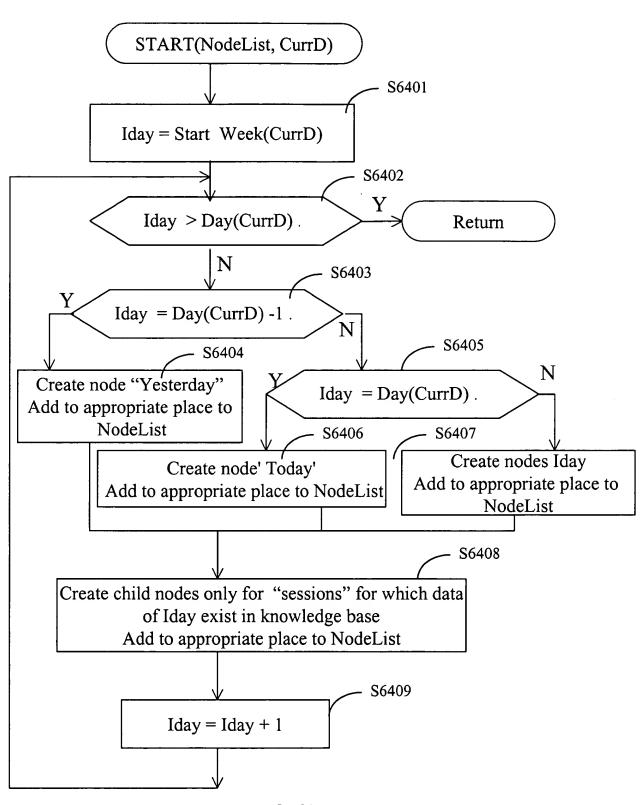


FIG. 64

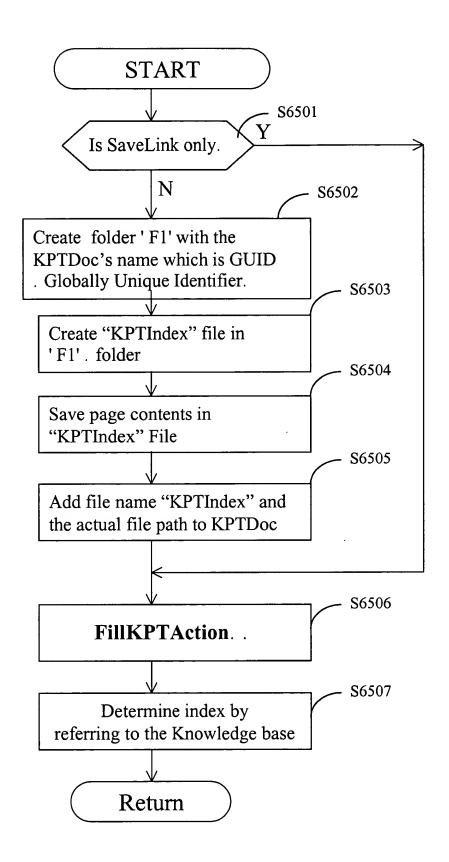


FIG. 65

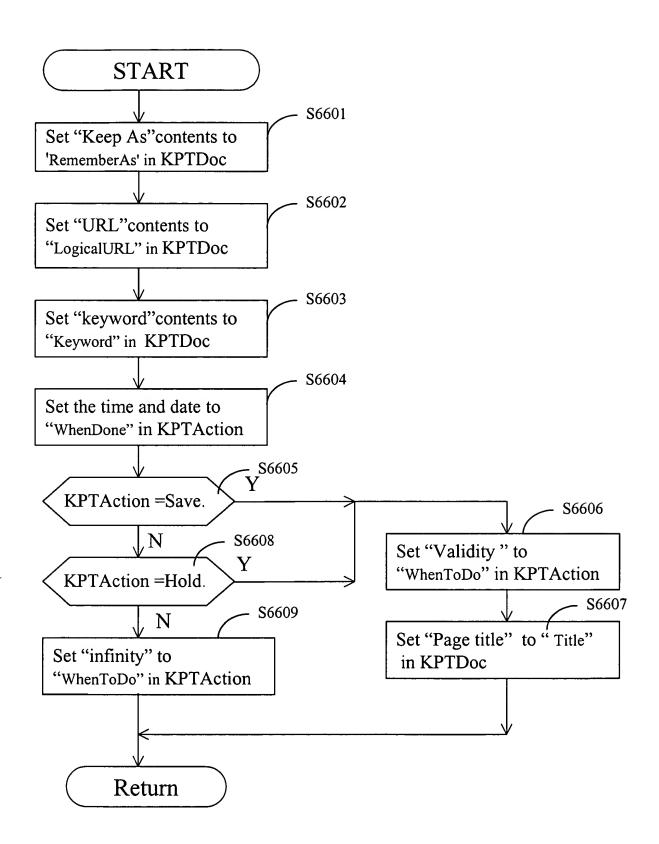
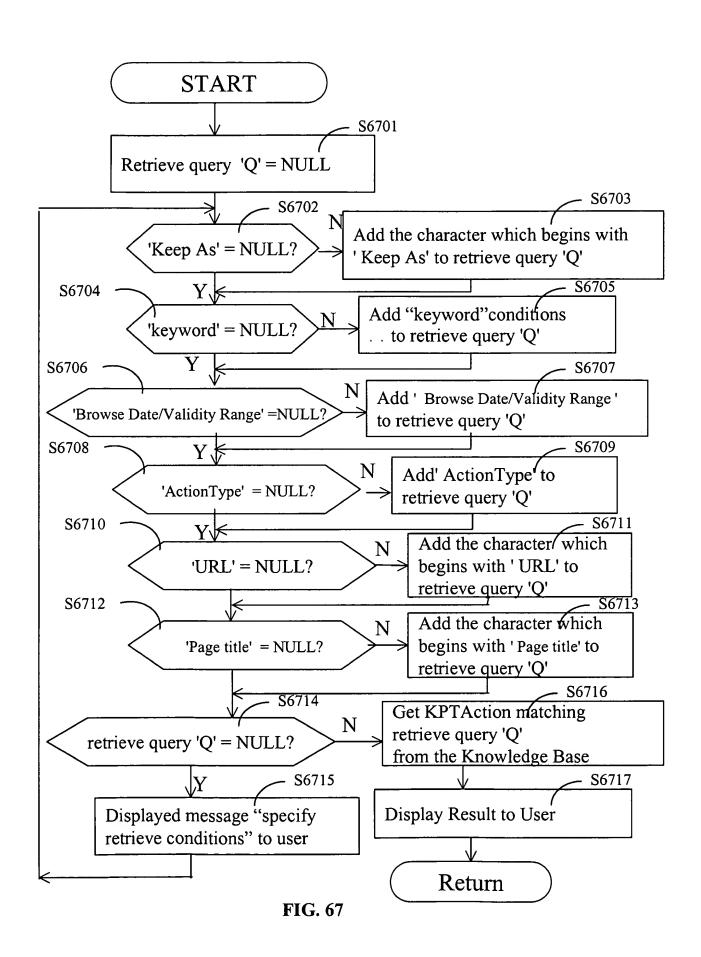
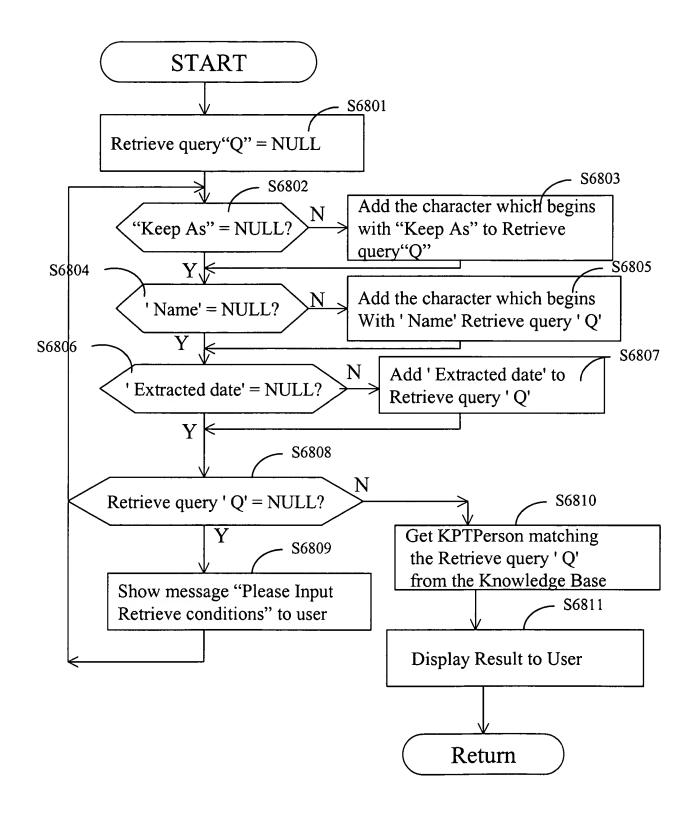


FIG. 66





Example Rules for Determining the Organization Indices for an URL

For the Given Input URL,

- Get the fully qualified URL and remove the parameters e.g., Input: http://www.saora.co.jp/contact.asp?userid=2323
 Output: http://www.saora.co.jp/contact.asp
- Remove the protocol, like http://, https://, ftp:// from the URL e.g., Input: http://www.saora.co.jp/contact.asp
 Output: www.saora.co.jp/contact.asp
- Remove the obvious address e.g., www, www2, etc. from the URL e.g., Input: www.sales.saora.co.jp/contact.asp
 Output: sales.saora.co.jp/contact.asp
- Remove the page information from the URL e.g., Input: sales.saora.co.jp/contact.asp Output: sales.saora.co.jp
- Get the domain information from the Domain Knowledgebase and Strip the domain information from the URL and get the organizations e.g., Input: sales.saora.co.jp
 Output: Organization(s) are - > sales, saora

Example Rules for Determining the Domain Indices for an URL

For the Given Input URL,

- Get the fully qualified URL and remove the parameters e.g., Input: http://www.saora.co.jp/contact.asp?userid=2323

 Output: http://www.saora.co.jp/contact.asp
- Remove the protocol, like http://, https://, ftp:// from the URL e.g., Input: http://www.saora.co.jp/contact.asp
 Output: www.saora.co.jp/contact.asp
- Remove the obvious address e.g., www, www2, etc. from the URL e.g., Input: www.sales.saora.co.jp/contact.asp
 Output: sales.saora.co.jp/contact.asp
- Remove the page information from the URL e.g., Input: sales.saora.co.jp/contact.asp
 Output: sales.saora.co.jp
- Get the domain information from the Domain Knowledgebase e.g., Input: sales.saora.co.jp Output: Domain is .co.jp

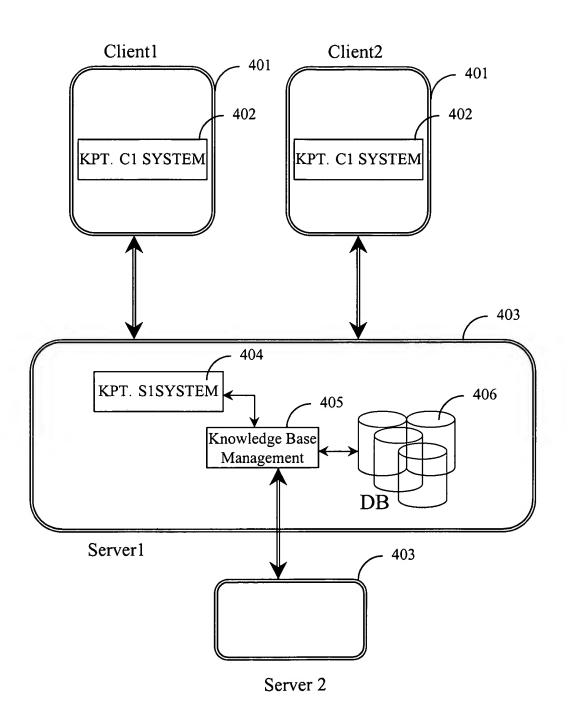


FIG. 71

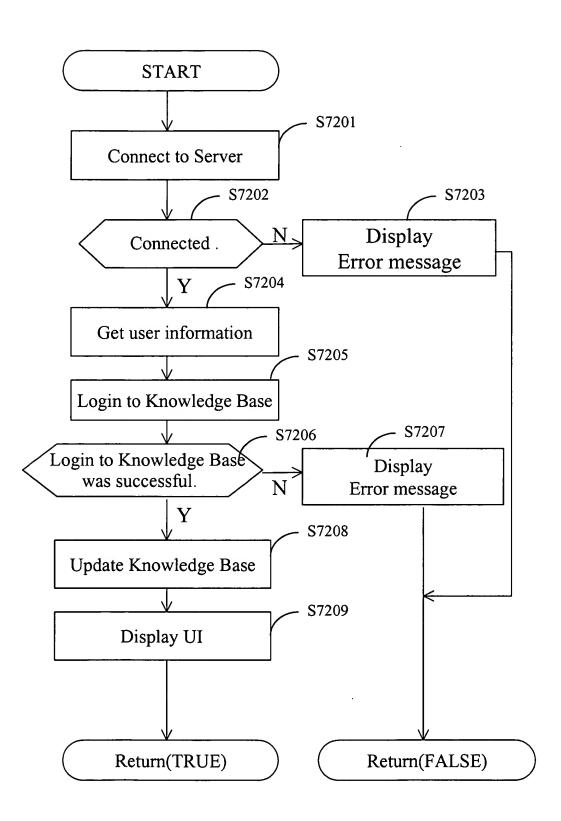


FIG. 72

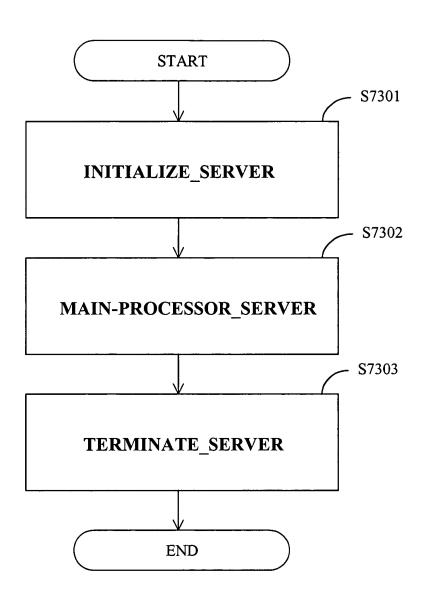
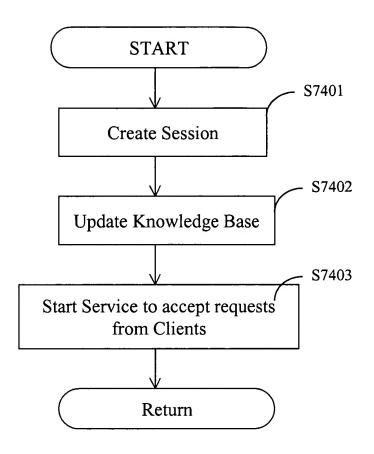


FIG. 73



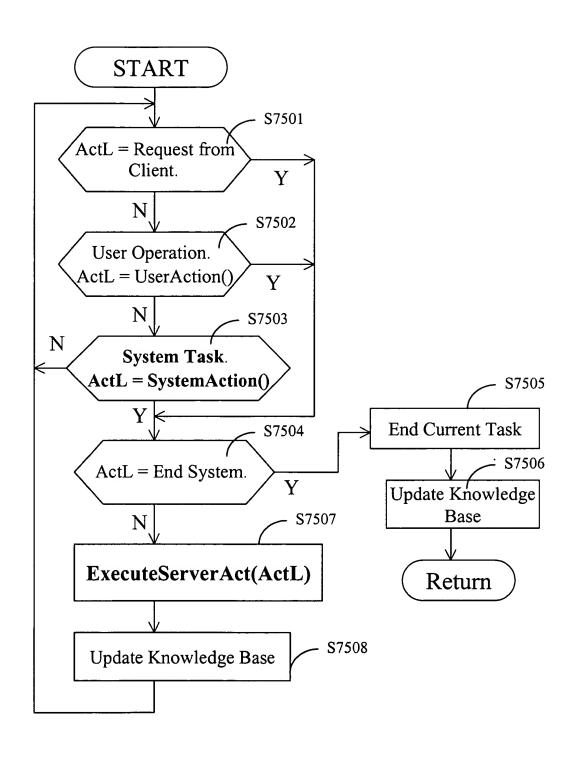
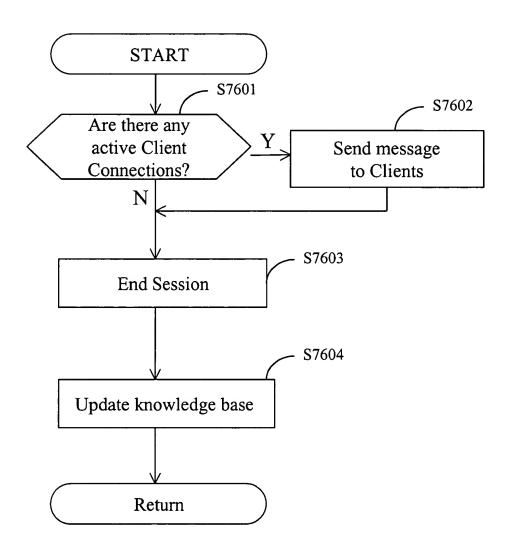


FIG. 75



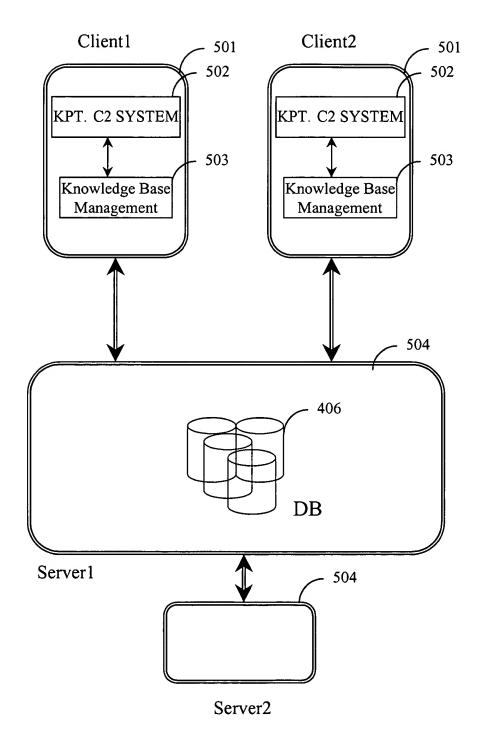


FIG. 77

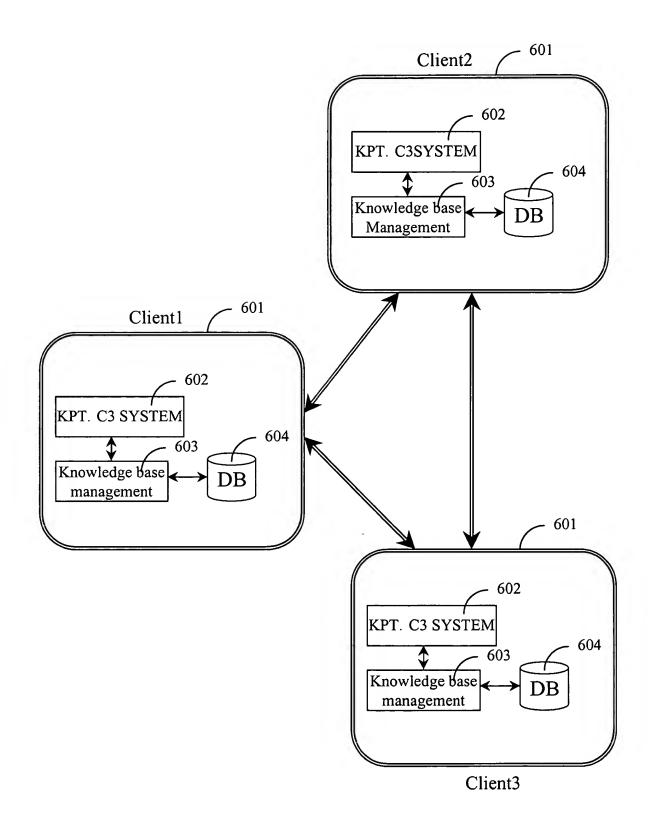


FIG. 78

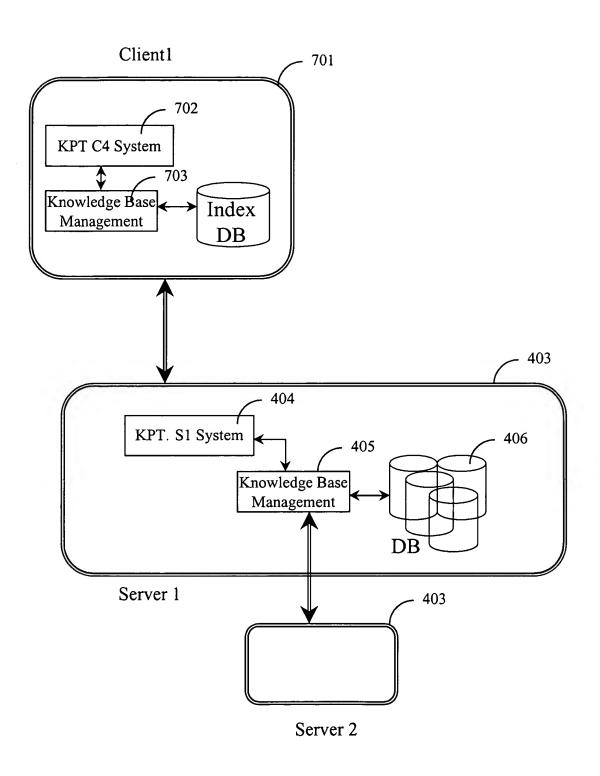


FIG. 79

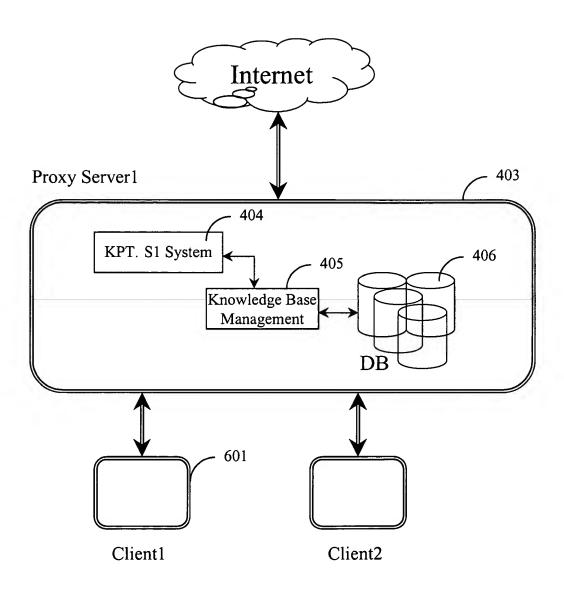


FIG. 80

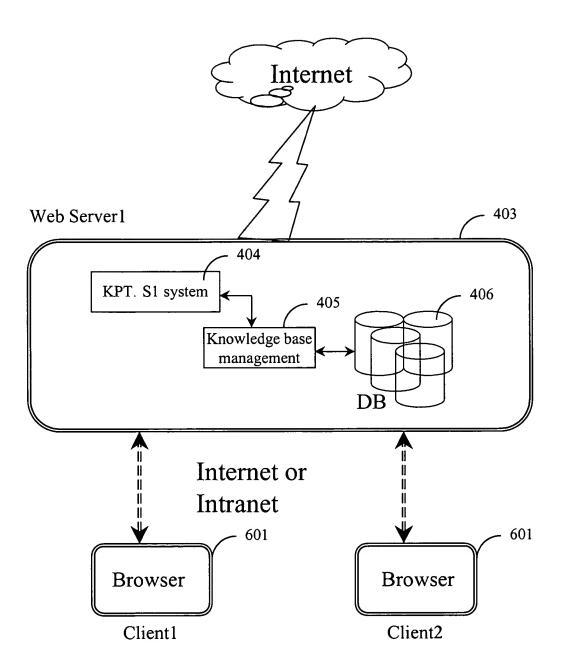


FIG. 81

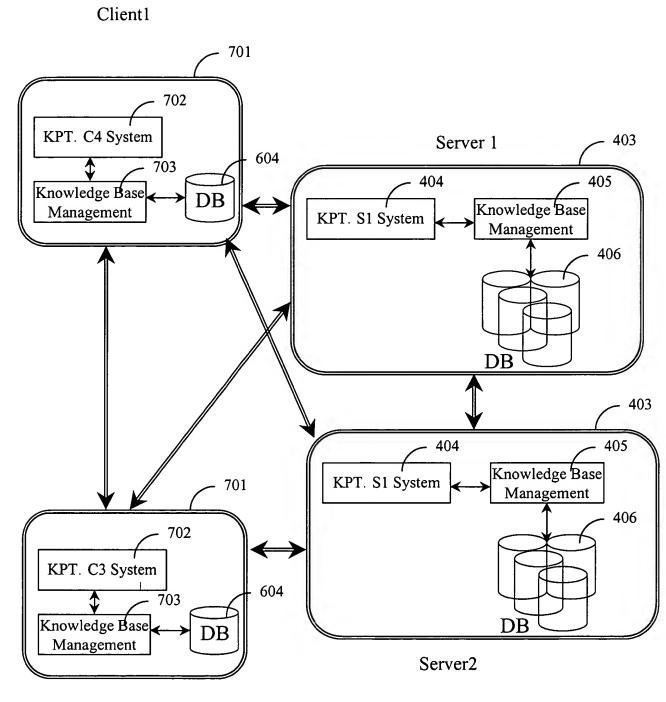


FIG. 82

Client2

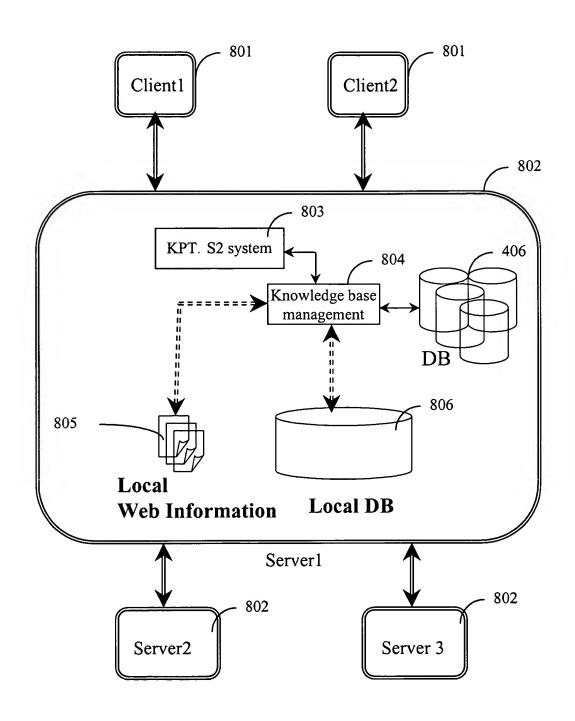


FIG. 83

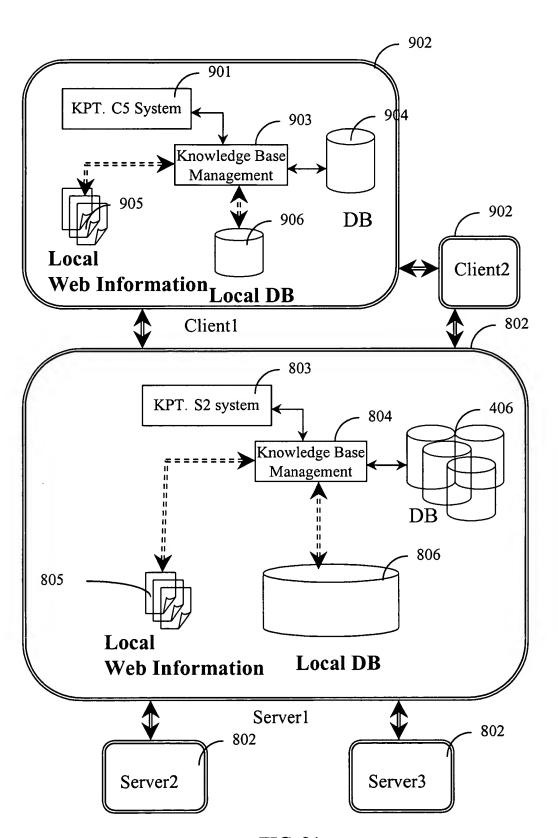
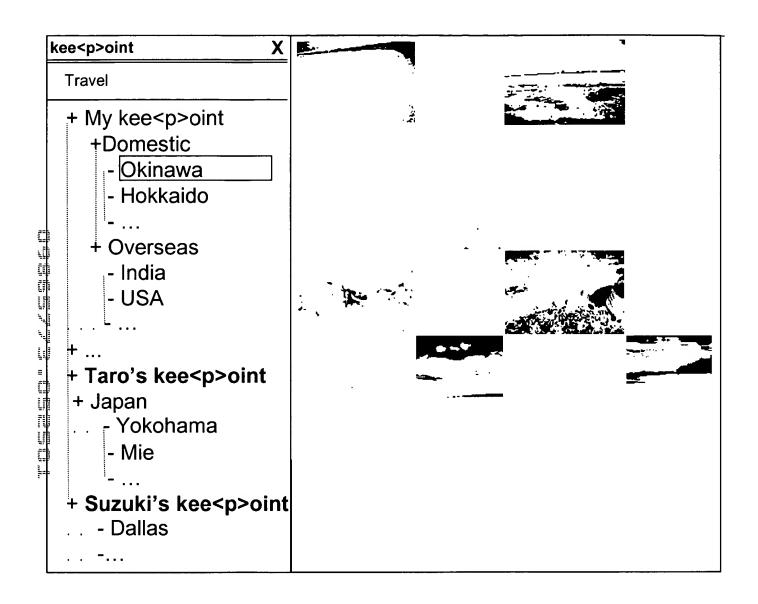
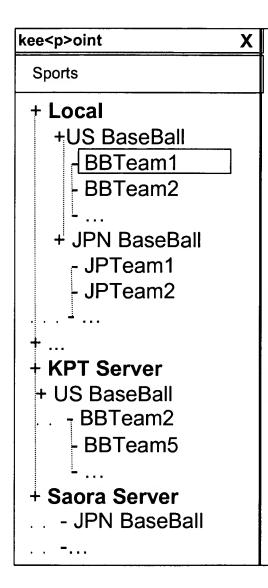


FIG. 84







BBTeam1

Date/Time	Won/Lost	Score
08/11	Won	6-3
08/10	Lost	3-4
08/09	Lost	0-1
08/08	Won	1-0
08/07	Won	20-0

